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Attorney Docket No. RL-1970/00384

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit 1742

Examiner Ngoclan Thi Mai

In re application of S. Reichman

Serial No. 09/809,548

Filed 15 March 2001

LIGHTWEIGHT ARMOR WITH  
REPEAT HIT AND ENERGY  
ABSORPTION CAPABILITIES

RESPONSE AND AMENDMENT

Pittsburgh, Pennsylvania 15222-2312  
06 August 2003

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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Sir:

Applicant previously amended the claims of the above application (the "Application") in a Preliminary Amendment submitted 11 July 2003. Applicant herein responds to the 15 July 2003 Office Action (the "Office Action") issued in the Application by making the elections of species and claims discussed below. Applicant also requests herein amendment of certain of the claims pending in the Application, as shown below. Accordingly, prior to the election of claims made herein, the Application's claims are as shown in the following listing of the claims:



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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: S. Reichman

Serial No: 09/809,548  
Filed: March 15, 2001

Group No.: 1742  
Examiner: Mai

For: LIGHTWEIGHT ARMOR WITH REPEAT HIT AND ENERGY ABSORPTION CAPABILITIES

Mail Stop: Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

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Date of Deposit: August 6, 2003

I hereby certify that the following attached paper or fee

AMENDMENT TRANSMITTAL  
RESPONSE AND AMENDMENT

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: **Mail Stop: Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

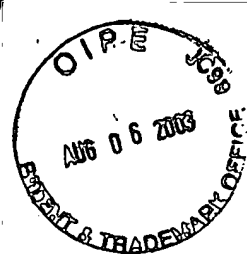
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NOTE: The label number need not be placed in each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail." Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.

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08-07-03

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Attorney's Docket No. RL-1970

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: S. Reichman

Serial No: 09/809,548  
Filed: March 15, 2001Group No.: 1742  
Examiner: Mai

For: LIGHTWEIGHT ARMOR WITH REPEAT HIT AND ENERGY ABSORPTION CAPABILITIES

Mail Stop: Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application.

## STATUS

2. Applicant is

- ☐ a small entity. A verified statement:
- ☐ is attached.
- ☐ was already filed.
- ☒ other than a small entity.

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## CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8a)

I hereby certify that this correspondence is, on the date shown below, being:

## MAILING

☐ deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

## FACSIMILE

☐ transmitted by facsimile to the Patent and Trademark Office.

\_\_\_\_\_  
Signature\_\_\_\_\_  
(type or print name of person certifying)

## EXTENSION OF TERM

**NOTE:** "Extension of Time in Patent Cases (Supplement Amendments) - If a timely and complete response has been filed after a Non-Final Office Action, an extension of time is not required to permit filing and/or entry of an additional amendment after expiration of the shortened statutory period.

*If a timely response has been filed after a Final Office Action, an extension of time is required to permit filing and/or entry of a Notice of Appeal or filing and/or entry of an additional amendment after expiration of the shortened statutory period unless the timely-filed response placed the application in condition for allowance. Of course, if a Notice of Appeal has been filed within the shortened statutory period, the period has ceased to run." Notice of December 10, 1985 (1061 O.G. 34-35).*

**NOTE:** See 37 CFR 1.645 for extensions of time in interference proceedings, and 37 CFR 1.550(c) for extensions of time in reexamination proceedings.

**3.** The proceedings herein are for a patent application and the provisions of 37 CFR 1.136 apply.

(complete (a) or (b), as applicable)

(a) ☐ Applicant petitions for an extension of time under 38 CFR 1.136  
(fees: 37 CFR 1.17(a)-(d) for the total number of months checked below:

<u>Extension (months)</u>	<u>Fee for other than small entity</u>	<u>Fee for small entity</u>
<input type="checkbox"/> one month	\$ 110.00	\$ 55.00
<input type="checkbox"/> two months	\$ 410.00	\$205.00
<input type="checkbox"/> three months	\$ 930.00	\$465.00
<input type="checkbox"/> four months	\$1,450.00	\$725.00

Fee \$ \_

If an additional **extension** of time is required, please consider this a petition therefor.

(check and complete the next item, if applicable)

☐ An extension for \_\_\_\_\_ months has already been secured and the fee paid therefor of \$\_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ \_\_\_\_\_

OR

(b) ☒ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

## FEE FOR CLAIMS

4. The fee for claims (37 CFR 1.16(b)-(d) has been calculated as shown below:

(Col. 1)		(Col. 2)		(Col. 3)	SMALL ENTITY			OTHER THAN A SMALL ENTITY	
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO PREVIOUSLY PAID FOR		PRESENT EXTRA	RATE	ADDIT. FEE	OR	RATE	ADDIT. FEE
TOTAL	52°	MINUS	53°°	=0	x9=	\$0		x18=	\$0.
INDEP.	5°	MINUS	5°°°	=0	x42=	\$0		x84=	\$0.
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					+130=	\$		+280=	\$
					TOTAL ADDIT. FEE	\$0	OR	TOTAL ADDIT. FEE	\$0.

- ° If the entry in Col. 1 is less than entry in Col. 2, write "1" in Col. 3.
- °° If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20."
- °°° If the "Highest No. Previously Paid for" IN THIS SPACE is less than 3, enter "3."  
The "Highest No. Previously Paid for" (Total or indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

**WARNING** "After final rejection or action (§ 1.113) amendments may be made cancelling claims or complying with any requirement of form which has been made." 37 CFR § 1.116(a) (emphasis added).

Complete (c) or (d), as applicable)

(c) ☒ No additional fee for claims is required.

OR

(d) ☐ Total additional fee for claims required \$\_\_\_\_\_

### FEE PAYMENT

5. ☐ Attached is a check in the sum of \$\_\_\_\_\_

☐ Charge Account No. \_\_\_\_\_ the sum of \$\_\_\_\_\_

A duplicate of this transmittal is attached.


## FEE DEFICIENCY

**NOTE:** *If there is a fee deficiency and there is no authorization to charge an account, additional fees are necessary to cover the additional time consumed in making up the original deficiency. If the maximum, six-month period has expired before the deficiency is noted and corrected, the application is held abandoned. In those instances where authorization to charge is included, processing delays are encountered in returning the papers to the PTO Finance Branch in order to apply these charges prior to action on the cases. Authorization to charge the deposit account for any fee deficiency should be checked. See the Notice of April 7, 1986, (1065 O.G. 31-33).*

6. ☒ If any additional extension and/or fee is required, charge Account No.  
7. 11-1110

## AND/OR

- ☒ If any additional fee for claims is required, charge Account No.  
11-1110



SIGNATURE OF ATTORNEY

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Mark R. Leslie  
(type or print name of attorney)

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